

Katie Williams

+1 9880281504 | awsbplee@email.com | LinkedIn: [linkedin.com/in/flygvbaecr](https://www.linkedin.com/in/flygvbaecr) |
GitHub: github.com/urlkrtgiom | New Orleans

PROFESSIONAL SUMMARY

A dedicated and results-driven **Data Quality Analyst** with over **13 years** of experience in data analysis, machine learning, and predictive modeling. Skilled in transforming business needs into technical solutions using modern data science tools and practices. Passionate about solving real-world problems through data-driven approaches and delivering measurable outcomes.

CORE SKILLS

- **Technical Skills:** Bayesian Inference, NumPy, Hadoop, PostgreSQL, Dask, Scikit-learn
- **Analytical Skills:** Statistical modeling, hypothesis testing, data interpretation.
- **Soft Skills:** Clear communication, collaboration, agile mindset, mentoring.
- **Tools:** Tableau, Power BI, Jupyter, Git, Docker, Cloud platforms.

PROFESSIONAL EXPERIENCE

Gamma Tech

July 2020 – June 2022

Role: Data Quality Analyst

- Extracted and analyzed large-scale datasets to uncover actionable insights for business growth.
- Built predictive models using machine learning techniques to optimize decision-making.
- Collaborated with engineers and stakeholders on end-to-end model deployment and reporting.
- Led initiatives for workflow automation, improving data pipeline efficiency by 30%.
- Provided guidance and training to junior analysts on analytical best practices.

EDUCATION

California Institute of Technology (Caltech)

Graduated: June 2022

Master of Technology in AI and Robotics

GPA: 3.10

- Relevant Courses: Data Structures, Algorithms, Statistics, Machine Learning, Database Systems

SELECTED PROJECTS

AI-powered Email Classifier

- Led end-to-end development of a scalable data-driven system that improved operational efficiency.
- Utilized advanced analytics and machine learning for real-time prediction and automation.
- Deployed solutions with seamless integration into business intelligence dashboards.